

U.S. Education Statistics 101
part of
[FDLP Academy](#) Gov Docs
101 Series

Speaker:

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Reference Librarian

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Connecticut State Library

<https://ctstatelibrary.org/>



CT State Library

Preserving the Past. Informing the Future.

What we will cover -

This webinar will introduce the basic Federal Government tools for statistics on U.S. schools and education. We will focus on the Department of Education.

- Statistics vs. Data
- [Department of Education](#) web site quick tour
 - [National Center for Education Statistics \(NCES\)](#)
 - [The Condition of Education](#)
 - [Digest of Education Statistics web site](#)
 - [Data Tools](#)
 - School Search

Learning Objectives

The learner will be able to:

- Use statistical resources for "ready reference" questions
- Have basic familiarity with US Department of Education web site
- Find and use National Center for Education Statistics (NCES)
 - Common "ready reference" resources

Data vs. Statistics

While often used interchangeably, data and statistics are not quite the same.

Data

- **Data** is the raw information collected within a dataset - the primary source of information from the research.
 - Data can be analyzed and interpreted by statistical procedures.
 - Original researcher analyzing data is called primary data analysis;
 - Someone else analyzing another's data is secondary data analysis.
 - Data sets usually have meta data.
 - Data analysis is usually done with computer software - which is not usually included with the data set.

Statistics (stats)

- **Statistics** (stats) provide analysis and/or summary of the data after data analysis has occurred.
 - Statistics (stats) provide analysis and/or summary of the data after data analysis has occurred.
 - Often presented in charts, tables, and graphs, or as reported numbers/percentages.
 - Used for "ready reference".
 - Not the raw data, although some sites may pull stats from raw data.



Demographics

- **Specific type of statistics**
 - Demographics are description of a population
 - Usually from a sample of population and presented as an aggregate of population

NOTE on Common Core

The term "Common Core" will show up in many places on Dept. Ed web site. There are two distinct meanings.

- The Common Core of Data (CCD) vs. Common Core State Standards Initiative
- The Term “Common Core” is used for two different programs
- **The Common Core of Data (CCD)**
 - Department of Education's primary database on public elementary and secondary education in the United States.
 - CCD is a comprehensive, annual, national database of all public elementary and secondary schools and school districts.
- **Common Core State Standards**
 - Related to curricula
 - A set of academic standards in mathematics and English language arts/literacy (ELA).
 - These learning goals outline what a student should know and be able to do at the end of each grade.

Where to Start?

- Federal or State? International?
 - Federal and State agencies will often have multiple levels of information
- General statistics or data sets to be analyzed by researcher?
- Which agency runs the program?
 - Is information from another agency included?
 - Ex. Child Nutrition Program is run by U.S. Dept. of Agriculture (USDA), and the Depart. Of Education includes information related to schools within their surveys.



U.S. Department of
Education

<https://www.ed.gov/>

In case live demonstration doesn't work

- 4 main sections – Student Loans, Grants, Law, Data
- Plethora of acronyms
- How Do I Find?
- Featured
- Outline of site on bottom
- Click on Data & Statistics – often used resources display

The screenshot shows the homepage of the U.S. Department of Education website. At the top, there is a navigation bar with links for "Skip to main content", "About Us", "Contact Us", "FAQs", and "Language Assistance". Below this is the U.S. Department of Education logo and a search bar. The main content area is divided into four primary sections: "Student Loans", "Grants", "Laws", and "Data". Each section has a representative image and a brief description. Below these sections are three columns: "Press Releases" with a list of recent news items, a profile for "Dr. Miguel Cardona, Secretary of Education" with links to his bio, speeches, and social media, and "How Do I Find...?" with a list of search categories. At the bottom, there are three featured resource boxes: "American Rescue Plan / Funding for K-12 Schools", "Coronavirus Information", and "ED COVID-19 HANDBOOK VOLUME 2". To the right of these boxes is an "Information About..." section with a list of topics.

https://www.ed.gov

Skip to main content | About Us | Contact Us | FAQs | Language Assistance

U.S. Department of Education

Search

Student Loans Grants Laws Data

STUDENT LOANS
Get all the information you need to apply for or manage repayment of your federal student loans. [GO >](#)

GRANTS
Learn more about grant opportunities, applications, and details about grants awarded. [GO >](#)

LAWS & GUIDANCE
Find federal education legislation, regulations, guidance, and other policy documents. [GO >](#)

DATA
Explore and download data and learn about education-related data and research. [GO >](#)

Press Releases

- Secretary Cardona Tells Alachua and Broward County School Districts: "We stand with you"
- U.S. Department of Education Grants Interest Rate Benefit to More Than 47,000 Service Members
- Over 323,000 Federal Student Loan Borrowers to Receive \$5.8 Billion in Automatic Total and Permanent Disability Discharges
- [More...](#)

Dr. Miguel Cardona
Secretary of Education

- Bio
- Speeches
- [@SecCardona](#)

How Do I Find...?

- Student loans, forgiveness
- College accreditation
- Every Student Succeeds Act (ESSA)
- FERPA
- FAFSA
- 1095, tax forms
- [More...](#)

Featured

American Rescue Plan / Funding for K-12 Schools

Coronavirus Information

ED COVID-19 HANDBOOK
VOLUME 2

Information About...

- Transforming Teaching
- Family and Community Engagement
- Early Learning
- Constitution Day

Data & Statistics

<https://www2.ed.gov/rschstat/landing.jhtml>

Data & Statistics

K-12 Students/Schools

- Nation's Report Card
- Civil Rights Data Collection
- More K-12 resources

Colleges/Universities

- Is my program accredited?
- Search for colleges
- College Affordability and Transparency Center
- More College resources

Student Outcomes

- High school completers & dropouts by district
- Assessments and graduation rates by state
- More Student Outcomes resources

[See all resources](#)

Education Stabilization Fund Transparency Portal

Covid-Relief-Data.ed.gov is dedicated to collecting and disseminating data and information about the three primary Education Stabilization Fund (ESF) programs managed by the Department of Education and authorized by the Coronavirus Aid, Relief, and Economic Security (CARES) Act (March 2020), the Coronavirus Response and Relief Supplemental Appropriations (CRRSA) Act (December 2020), and the American Rescue Plan (ARP) Act (March 2021).

National Center for Education Statistics (NCES)

The primary federal entity for collecting and analyzing data related to education in the U.S. and other nations.

- Create-a-Graph Tool for Kids
- Search for Public Schools
- Search for Schools and Colleges
- Digest of Education Statistics

Fast Facts

- Special education: Numbers of students
- High school dropout rates
- High school graduation rates
- College enrollment rates
- College graduation rates
- Average income for young adults
- More Fast Facts...

College Scorecard

Find the right fit.

School Name [Search](#)

College Scorecard provides data that help prospective students and their advocates find the right fit for postsecondary education. College Scorecard's consumer site allows users to search and compare colleges based on a highlighted set of data elements such as graduation rates, average annual cost, loan repayment rates, post-completion earnings for specific fields of study, and more. Researchers and developers also have access to over 2,000 downloadable data elements enabled through an application programming interface.

Open Data Platform

Search and access all publicly available data profiles published by the U.S. Department of Education from one location.

Search data profiles [Search](#)

Popular Datasets from Data.gov

- Postsecondary School Locations - Current
- Locale - Current
- Postsecondary School Locations 2016-17
- Postsecondary School Locations 2015-16
- Postsecondary School Locations 2019-20
- More Datasets...

ED Public Data Listing

How Do I Find...

- Student loans, forgiveness
- College accreditation
- Every Student Succeeds Act (ESSA)
- FERPA
- FAFSA
- 1098, tax forms

[More >](#)

Information About...

- Transforming Teaching
- Family and Community Engagement
- Early Learning

Information Centers

- Grants & Contracts
- Student Financial Aid
- Research & Statistics
- Policy & Guidance
- Programs



Fast Facts

<https://nces.ed.gov/FastFacts/>

- Concise information on a range of issues -
 - Early childhood through adult learning
- Pulls from various resources
- Updated as new data becomes available
- Often presented at national level

Fast Facts

FAST FACTS

The primary purpose of the Fast Facts website is to provide users with concise information on a range of educational issues, from early childhood to adult learning. Fast Facts draw from various published sources and are updated as new data become available. Additional references on each of these topics are highlighted within each fact.

Assessments

Early Childhood

[Child care](#)

[Early literacy activities](#)

[Knowledge and skills of young children](#)

[Preprimary education enrollment](#)

Elementary and Secondary

Library

[Libraries](#)

Postsecondary and Beyond

Resources

[Back-to-school statistics](#) ↙ New!

[Coronavirus pandemic resources](#)

[Educational associations](#)

[Glossary](#)

[Historical reports](#)

[Ordering NCES publications and products](#)

In fall 2020, about 48.1 million public school students attended elementary and secondary schools either in person, online, or through some combination of the two. In 2018-19, an estimated \$667 billion was spent on public school education. These are just a few of the statistics contained in the Back to School fact, which offers data about American elementary, secondary and postsecondary schools, students, and the educational process.



FAST FACTS HIGHLIGHTS

How many students in postsecondary education have a disability?
[\(more info\)](#)

DID YOU KNOW?

Public school students in 28 states scored higher than their peers in the nation; students in 15 states and the District of Columbia scored lower than their peers nationally. The interactive map provides details. [\(NCES Reference\)](#)

RECENT VIDEO [\(Archive\)](#)



ePIRLS (International) 2016 Assessment 4th –graders online reading score:

U.S. ePIRLS Average 557
ePIRLS scale average: 500 [\(more info\)](#)

National Center for Education Statistics (NCES)

<https://nces.ed.gov/>

- Place to start for locating national education data.
- Primary federal entity for collecting and analyzing data related to education in the U.S. and other nations.
- A principal agency of [U.S. Federal Statistical System](#).
- Part of the Institute of Education Sciences - <https://ies.ed.gov/>.
- Promotes standardization of terms used and definitions of terms.
- Independent, nonpartisan
- YouTube channel <https://www.youtube.com/c/EdNCES/featured>

National Center for Education Statistics (NCES)

<https://nces.ed.gov/>

- Functions go back to 1869 Congressional Mandate.
 - Congress established a department of education, to collect statistics and facts to show the condition and progress of education in states and territories
- Congressional mandate [20 USC §9541](#)
 - The mission of the Statistics Center shall be—
 - (1) to collect and analyze education information and statistics in a manner that meets the highest methodological standards;
 - (2) to report education information and statistics in a timely manner; and
 - (3) to collect, analyze, and report education information and statistics in a manner that—
 - (A) is objective, secular, neutral, and nonideological and is free of partisan political influence and racial, cultural, gender, or regional bias; and
 - (B) is relevant and useful to practitioners, researchers, policymakers, and the public.
- May use data from other agencies as in their analysis
 - Ex. Census collects educational attainment data

IES · NCES National Center for Education Statistics ≡ MENU



Results from the 2019 Mathematics and Reading Assessments are Here!

In 2019, NAEP measured the knowledge of the nation's fourth- and eighth-graders in mathematics and reading at the national, state, and district levels.

The National Center for Education Statistics (NCES) is the primary federal entity for collecting and analyzing data related to education. [Learn more about NCES](#)

[About Us](#) [Surveys and Programs](#) [Publications and Products](#) [Data and Tools](#)

WHAT'S NEW AT NCES

- AUG 3** [One Year Later: Relationship Between 2015–16 Bachelor's Degree Recipient Enrollment in Further Education and Pell Grant Receipt](#)
This Data Point provides information on enrollment for further education the year after earning a bachelor's degree and the financial aid status of those students. [More info](#)
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This set of provisional web tables include fully edited and imputed data from the Integrated Postsecondary Education Data System (IPEDS) fall 2020 collection, which included three survey components: Institutional Characteristics for the 2020–21 academic year, Completions covering the period July 1, 2019, through June 30, 2020, and data on 12-Month Enrollment for the 2019–20 academic year. [More info](#)
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This report examines the relationship between public and private school principals' perceived influence over various decisions made at their schools. [More info](#)
- JUL** [Teacher Training to Meet Diverse Student Needs Before Entering the](#)

CONDITION OF EDUCATION



Browse key indicators on the condition of education in the United States at all levels, from prekindergarten through postsecondary, as well as labor force outcomes and international comparisons. The indicators summarize important developments and trends using the latest statistics, which are updated throughout the year as new data become available.

[Condition of Education homepage](#)
[Download the latest report](#)

High use items are highlighted on the home page

- Rotating gallery
- What's New
- Condition of Education



Digest of Education Statistics
The 51st edition of the Digest contains statistics about every level of education, from prekindergarten to graduate school.

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[Learn more about NCES](#)

About Us Surveys and Programs Publications and Products Data and Tools

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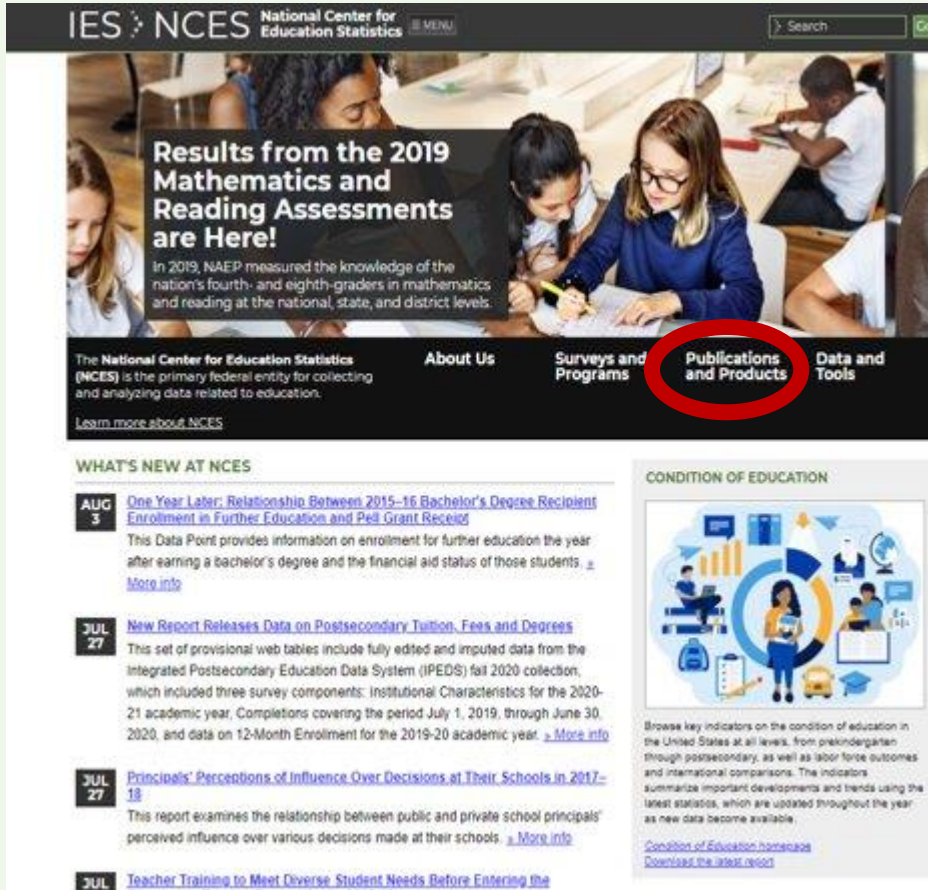
[Condition of Education homepage](#)

About National Center for Education Statistics (NCES) - <https://nces.ed.gov/about/>



Publications & Products

– especially helpful if you know the title.



IES NCES National Center for Education Statistics

Results from the 2019 Mathematics and Reading Assessments are Here!

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- About Us
- Surveys and Programs
- Publications and Products**
- Data and Tools

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[Condition of Education homepage](#)
[Download the latest report](#)

PUBLICATIONS & PRODUCTS

All Words
 Any Words

Results per page: 15

Search by:
 Title
 Description
 Subject
 Author
 Pub#

Release Date:
August 2019
 Before During After

Type of Product ([help](#)):
- All Types of Products -

Survey/Program Area:
- All Survey/Program Areas -

Visit the [IES Publications & Products Search](#) to query all IES publications and products.

Other publication resources

[Education Resources Information Center \(ERIC\)](#)
[Federal Depository Libraries](#)

[Government Printing Office \(GPO\)](#)
[Ordering NCES Products](#)

Surveys & Programs

<https://nces.ed.gov/surveys/>

- Lists Survey and Program Areas
 - Link to each section's list of surveys
- [Resources Surveys & Programs](#)
 - [Annual Reports and Information Staff - Annual Reports](#)
 - The Annual Reports and Information Staff prepares analyses that synthesize data on a variety of education topics, and disseminates these analyses through indicator reports, tabular reports, and web tools. Products include **The Digest of Education Statistics**, **The Condition of Education** and **Projections of Education Statistics**.



Annual Reports and Information Staff - Annual Reports

- Topical Reports
- Core reference books:
 - [Condition of Education](#)
 - Annually updated indicators that track key developments in the U.S. education system
 - [Digest of Education Statistics](#)
 - Tabular data covering all levels of education
 - [Projections of Education Statistics](#)
 - Forecasts of enrollments, graduates, teachers, and expenditures

Condition of Education

<https://nces.ed.gov/programs/coe>

- Annually updated indicators that track key developments in the U.S. education system
- This has moved from a ready reference book, to an interactive page.
 - It presents the tables used in PDF – it is interactive, but not dynamic
- The older editions are available in PDF, and the even older ones are in print.
- There are "In Brief" and/or "At Glance" versions

In 2021, NCES has launched a multi-phase effort to update the web pages for the Annual Reports and Information Staff (Annual Reports). The first phase of the web updates occurred in May when the latest edition of the Condition of Education was released. There are now two new explore features to search indicators based on topic areas (e.g., postsecondary faculty and staff) as well as subgroup characteristics (e.g., educational attainment, time series, and race/ethnicity).



In addition, the updated Indicators of School Crime and Safety are now released through the Condition of Education Indicator System. The older versions of these indicators will still be available through the Annual Reports Publications page. Be sure to update your bookmarks!

Be sure to stay up to date with the Annual Reports website improvements by following NCES on Twitter and Facebook.



Annual Reports and Information Staff (Annual Reports)



About ▾

Condition of Education

Digest of Education Statistics

Projections

Topical Studies

Publications

Condition of Education

The Condition of Education contains key indicators on all levels of education, labor force outcomes, and international comparisons. The indicators summarize important developments and trends using the latest statistics, which are updated throughout the year as new data become available. Spotlight indicators provide more in-depth analyses on selected topics. In addition, the more succinct Report on the Condition of Education, which highlights and synthesizes key findings from the Condition of Education, is also available in PDF format.

Explore by Indicator Topics

Explore by Indicator Subgroups

Explore the Current Edition:

Report on the Condition of Education 2021

Report on Indicators of School Crime and Safety



Digest of Education Statistics

<https://nces.ed.gov/programs/digest/>

- Annual statistical compilation of tables covering the broad field of U.S. education from prekindergarten through graduate school.
- List of Tables
 - Tables posted as soon as they are available
 - list includes tables from multiple reports
- You can view a single report in PDF format

Digest of Education Statistics

The *Digest of Education Statistics* contains a set of tables covering the broad field of American education from prekindergarten through graduate school.

Latest version of all Digest tables

Archived tables and figures:

Select a release year

 Access PDF versions of the Digest from 1990 to 2019



Scope of the Digest

The primary purpose of the *Digest of Education Statistics* is to provide a compilation of statistical information covering the broad field of American education from prekindergarten through graduate school. The *Digest* includes a selection of data from many sources, both government and private, and draws especially on the results of surveys and activities carried out by the National Center for Education Statistics (NCES). To qualify for inclusion in the *Digest*, material must be nationwide in scope and of broad interest and value. The publication contains information on a variety of subjects in the field of education statistics, including the number of schools and colleges, teachers, enrollments, and graduates, in addition to educational attainment, finances, federal funds for education, libraries, and international education. Supplemental information on population trends, attitudes on education, education characteristics of the labor force, government finances, and economic trends provides background for evaluating education data.

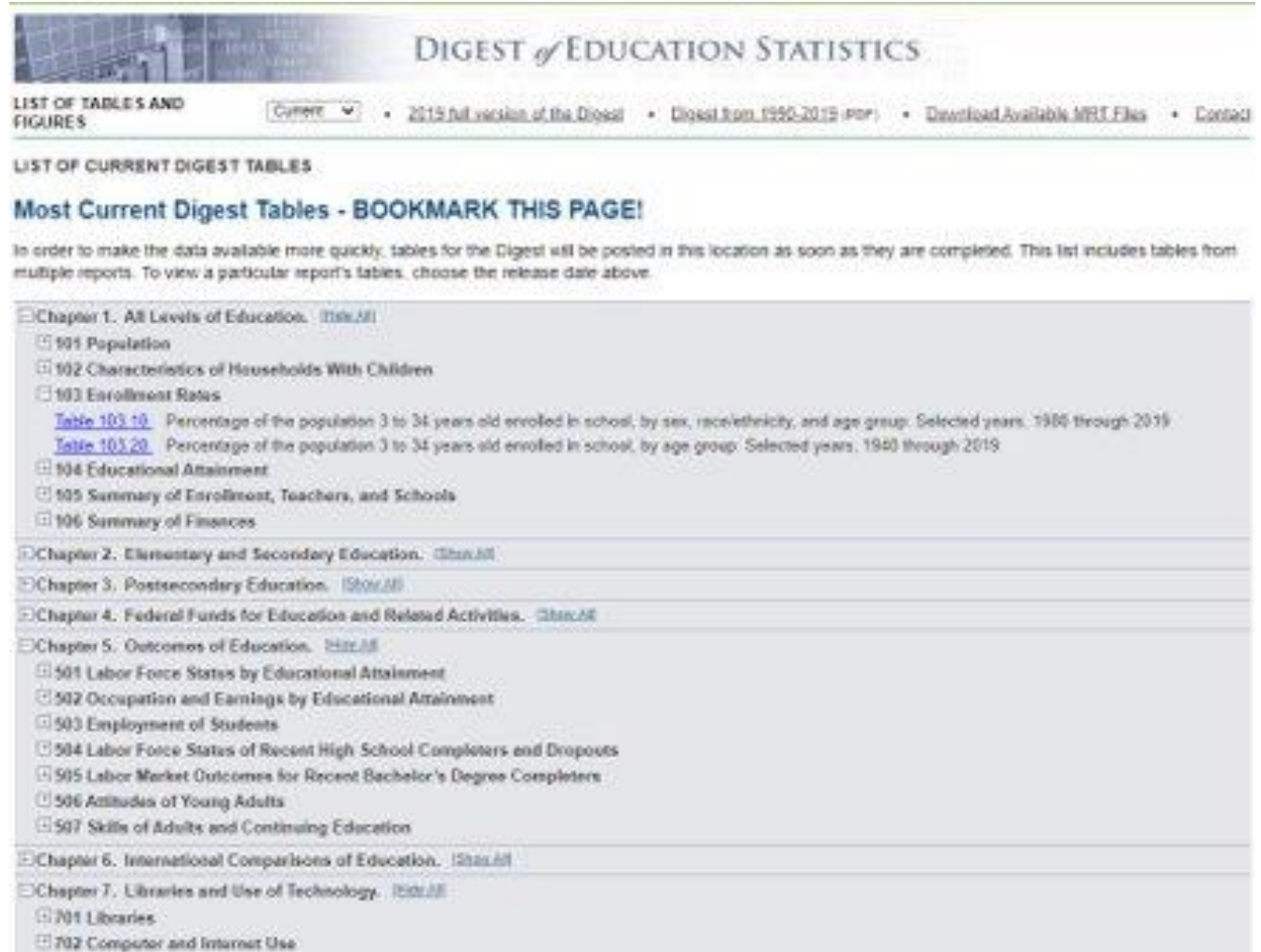
Explore Other Annual Reports

Condition of Education

Projections of Education
Statistics to 2028

Digest Of Ed Stats

- Expand TOC
- You only get the tables produced



The screenshot shows the website for the Digest of Education Statistics. At the top, there is a navigation bar with the title "DIGEST of EDUCATION STATISTICS" and a "Current" dropdown menu. Below the navigation bar, there is a section titled "LIST OF CURRENT DIGEST TABLES" and a sub-section titled "Most Current Digest Tables - BOOKMARK THIS PAGE!". A paragraph explains that tables are posted as soon as they are completed and that users can choose a release date. The main content is a list of chapters and tables, each with a "Show All" link. The chapters are: Chapter 1: All Levels of Education; Chapter 2: Elementary and Secondary Education; Chapter 3: Postsecondary Education; Chapter 4: Federal Funds for Education and Related Activities; Chapter 5: Outcomes of Education; Chapter 6: International Comparisons of Education; and Chapter 7: Libraries and Use of Technology. Under Chapter 1, several tables are listed, including Table 103.10 and Table 103.20.

DIGEST of EDUCATION STATISTICS

LIST OF TABLES AND FIGURES • 2019 full version of the Digest • Digest from 1990-2019 (PDF) • Download Available MRT Files • Contact

LIST OF CURRENT DIGEST TABLES

Most Current Digest Tables - BOOKMARK THIS PAGE!

In order to make the data available more quickly, tables for the Digest will be posted in this location as soon as they are completed. This list includes tables from multiple reports. To view a particular report's tables, choose the release date above.

Chapter 1. All Levels of Education. [Show All](#)

- 101 Population
- 102 Characteristics of Households With Children
- 103 Enrollment Rates
 - [Table 103.10](#) Percentage of the population 3 to 34 years old enrolled in school, by sex, race/ethnicity, and age group. Selected years, 1980 through 2019
 - [Table 103.20](#) Percentage of the population 3 to 34 years old enrolled in school, by age group. Selected years, 1980 through 2019
- 104 Educational Attainment
- 105 Summary of Enrollment, Teachers, and Schools
- 106 Summary of Finances

Chapter 2. Elementary and Secondary Education. [Show All](#)

Chapter 3. Postsecondary Education. [Show All](#)

Chapter 4. Federal Funds for Education and Related Activities. [Show All](#)

Chapter 5. Outcomes of Education. [Show All](#)


- 501 Labor Force Status by Educational Attainment
- 502 Occupation and Earnings by Educational Attainment
- 503 Employment of Students
- 504 Labor Force Status of Recent High School Completers and Dropouts
- 505 Labor Market Outcomes for Recent Bachelor's Degree Completers
- 506 Attitudes of Young Adults
- 507 Skills of Adults and Continuing Education

Chapter 6. International Comparisons of Education. [Show All](#)

Chapter 7. Libraries and Use of Technology. [Show All](#)

- 701 Libraries
- 702 Computer and Internet Use

IES > NCES National Center for Education Statistics MENU Go



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[Condition of Education homepage](#)
[Download the latest report](#)

Data Tools

<https://nces.ed.gov/datatools/>

Sometimes data sets have built in tools.

And here are some dynamic tools to pull data

The screenshot displays the 'Data & Statistics' section of the website. It features three main categories: 'K-12 Students/Schools', 'Colleges/Universities', and 'Student Outcomes'. Below these are links to 'Education Stabilization Fund Transparency Portal', 'National Center for Education Statistics (NCES)', 'College Scorecard', 'Open Data Platform', and 'Popular Datasets from Data.gov'. On the right side, there are sections for 'How Do I Find...', 'Information About...', and 'Information Centers'.

Data & Statistics

- K-12 Students/Schools**
 - Nation's Report Card
 - Civil Rights Data Collection
 - More K-12 resources
- Colleges/Universities**
 - Is my program accredited?
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[More >](#)

Information About...

- Transforming Teaching
- Family and Community Engagement
- Early Learning

Information Centers

- Grants & Contracts
- Student Financial Aid
- Research & Statistics
- Policy & Guidance
- Programs

Search Individual Schools and Districts

- **[Search for Public School Districts](#)**
 - Use the Search For Public School Districts locator to retrieve information on all U.S. public school districts. This data is collected annually directly from State Education Agencies (SEAs).
- **[Search for Public Schools](#)**
 - Use the Search For Public Schools locator to retrieve information on all U.S. public schools. This data is collected annually directly from State Education Agencies (SEAs).
- **[Search for Private Schools](#)**
 - The data for this search tool comes directly from the 30,000 plus private schools that responded to the 2003-2004 Private School Universe Survey (PSS) conducted by the National Center for Education Statistics.
- **[School & District Navigator](#)**
 - Interactive map to search for school & district information

Search for Public School Districts

<https://nces.ed.gov/ccd/districtsearch/index.asp>

Search for Public School Districts

CCD Common Core of Data

[District Information](#) [School & District Navigator](#) [Public School Search](#) [Data Notes/Grant IDs](#) [Help](#)

District Name: **NCES District ID:**

Street Address: **City:** [Browse](#)

State: **Zip Code:** **Distance:** Miles from Zip

County: [Browse](#) **Phone #:** -

Additional Characteristics

District Types:

regular component supervisory union regional
 state federal charter other

Number of Students: **or more** **Number of Schools:** **or more**



SEARCH TIP: If you are having difficulty finding your school, try only entering the city, state, and/or a key word in the name.

SEARCH TIP: Use the additional characteristics fields in conjunction with any of the District Information. Additional Characteristics should not be used if you have already entered the name of a school district.

Source: CCD public school district data for the 2019-2020, 2020-2021 school years

Sample search – Groton, CT

- Results – without indicating state


Search Results (records: 4)		Modify Search	Data Notes/Grant IDs	Help
District Name	Phone	County*	Students	Schools
1. Groton Area School District 06-6 PO Box 410, Groton, SD 57445	(605)397-2351	Brown County	589	3
2. GROTON CENTRAL SCHOOL DISTRICT PO BOX 99, GROTON, NY 13073	(607)898-5301	Tompkins County	876	2
3. Groton School District P. O. Box K, Groton, CT 06340	(860)572-2100	New London County	4,252	8
4. Groton-Dunstable 344 Main Street, Groton, MA 01450	(978)448-5505	Middlesex County	2,353	5

Source: CCD public school district data for the 2019-2020, 2020-2021 school years

Notes:


- * denotes a column with data from 2020-2021
- [†] indicates that the data are not applicable. For example, the enrollment and staff characteristics for districts that opened in the 2020-2021 school year will not be available until the full 2020-2021 file is released.
- [-] indicates that the data are missing.
- [†] indicates that the data do not meet NCES data quality standards.
- The directory information on district name, address, and phone number are preliminary data from initial submissions of district level data for 2020-2021.
- Data provided on student membership and staffing are from the official district level data for 2019-2020.

Download This Data



 [Download Excel File](#) Your data file will be created based on the selection criteria you have entered.

Depending on the amount of data needed to create the file, this may take a few minutes. The option will also be available to download the Excel file as a compressed Zip file.

Groton, CT school district

 **Search for Public School Districts** **CCD** Common Core of Data

District Directory Information [Search Results](#) [Modify Search](#) [Data Notes/Grant IDs](#) [Help](#)
(2020-2021 school year)

District Name: Groton School District schools for this district	NCES District ID: 0901770	State District ID: CT-0590011															
Mailing Address: P. O. Box K Groton, CT 06340	Physical Address:  1300 Flanders Road Mystic, CT 06355	Phone: (860)572-2100															
Type: Local school district	Status: Open	Total Schools: 8															
Supervisory Union #: N/A	Grade Span: (grades PK - 12) <table border="1"><tr><td>PK</td><td>K</td><td>G</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr></table>		PK	K	G	1	2	3	4	5	6	7	8	9	10	11	12
PK	K	G	1	2	3	4	5	6	7	8	9	10	11	12			
Website: http://www.grotonschools.org/	District Demographics:  School District Demographic Dashboard																

District Details (2019-2020 school year; Fiscal data from 2017-2018)
[Characteristics](#) [Staff](#) [Fiscal](#) [Show All](#)

County: New London County	County ID: 09011
Locale: Suburb: Midsize (22) CSA/CBSA: 35980	Total Students: 4,252 Classroom Teachers (FTE): 357.40 Student/Teacher Ratio: 11.90 Students with IEPs: 855

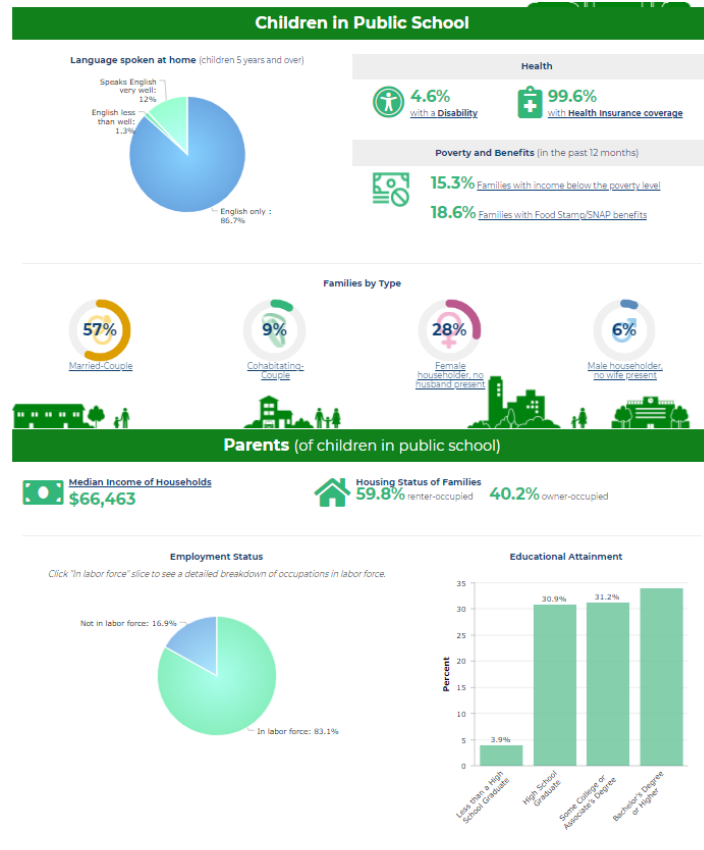
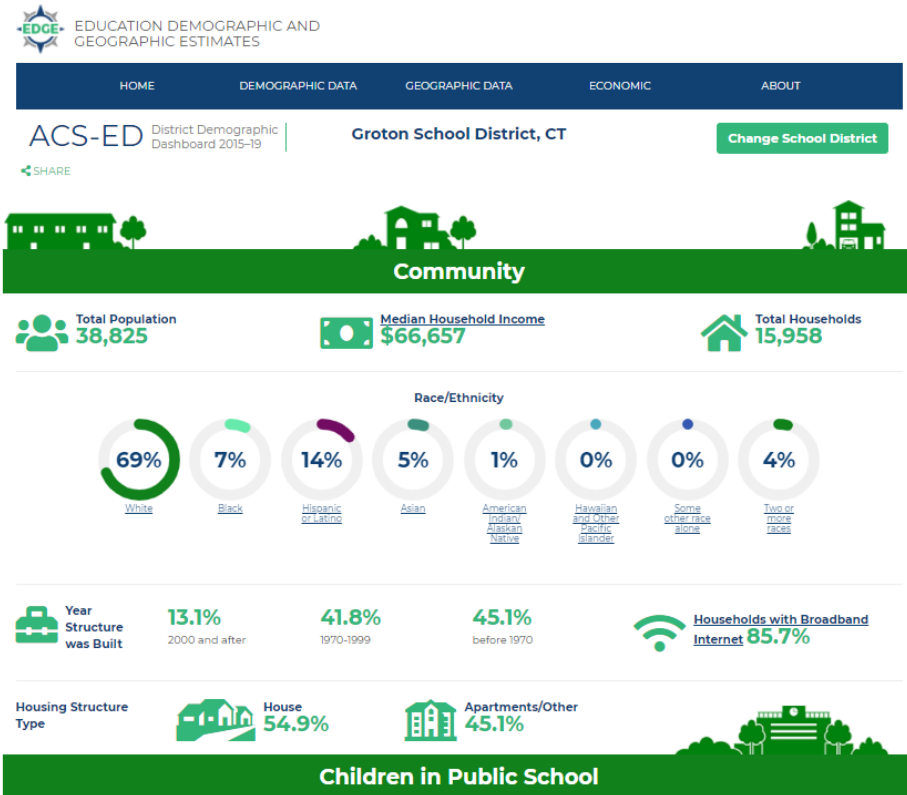
NOTES

- [†] indicates that the data are not applicable. For example, the enrollment and staff characteristics for districts that opened in the 2020-2021 school year will not be available until the full 2020-2021 file is released.
- [-] indicates that the data are missing.
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- The directory information on district name, address, and phone number are preliminary data from initial submissions of district level data for 2020-2021.
- Data provided on student membership and staffing are from the official district level data for 2019-2020.

Source: [CCD](#) Public school district data for the 2019-2020, 2020-2021 school years

School District Demographic Dashboard

It won't all fit on one screen shot, so here it is in two pieces.



For additional social and economic characteristics, visit the [ACS-ED table collection](#) or explore the [ACS-ED interactive map](#).

- Either add to slide stack or link to research guide



The other searches are similar

- [Search for Public Schools](#)
- [Search for Private Schools](#)

Additional Resources

from U.S. Department of Education

- The following are some of the "flagship" publications that we won't have time to cover.
- I am including in the slides so you can explore them at a later date.

National Assessment of Educational Progress (NAEP) The Nation's Report Card

<https://www.nationsreportcard.gov/>

- Periodic national assessments of student progress in subjects, administered to various student populations (ex. 4th graders).
- Representative sample
- Reported for groups of students with similar characteristics (group level data)
- Goes back to 1969
- NAEP pronounced like “nape”
- [State Profiles](#)

HOW DID U.S. STUDENTS PERFORM ON THE MOST RECENT ASSESSMENTS?



Select a JURISDICTION and a RESULT to see how students performed on the latest NAEP assessments.

Click on the to see the most recent reports in each subject.

SELECT JURISDICTION:

Public and nonpublic schools

SELECT RESULT:

At or above NAEP Proficient

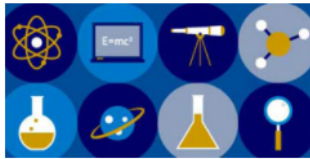
PERCENTAGE OF STUDENTS AT OR ABOVE NAEP Proficient

	Grade 4	Grade 8	Grade 12
ARTS: MUSIC	—	—	—
ARTS: VISUAL ARTS	—	—	—
CIVICS	27	24	24
ECONOMICS	—	—	42
GEOGRAPHY	21	25	20
MATHEMATICS	41	34	24
READING	35	34	37
SCIENCE	36	35	22
TECHNOLOGY & ENGINEERING	—	40	—

The Nation's Report Card

is the largest ongoing assessment of what U.S. students know and can do.

New!



Results of the 2019 NAEP Science Assessment at Grades 4, 8, and 12

Have students made progress since 2015?

- Lower average score at grade 4
- No significant score change at grade 8
- No significant score change at grade 12

Science Highlights

Download a [summary of results](#).

Read the [press release](#).

New! Take NAEP Now

Use the new Take NAEP Now tool to administer released digitally based math and reading assessments to your students. Receive results as soon as your students finish testing.

National Indian Education Study 2019

The 2019 National Indian Education Study provides an in-depth look at findings focused on AI/AN culture and language. It also provides achievement results for AI/AN students at grades 4 and 8 on the NAEP reading and mathematics assessments—for the nation as well as for those states with relatively large proportions of AI/AN students.

Response Process Data From the 2017 NAEP Grade 8 Mathematics Assessment

Response process data are generated from students' interactions with a digitally based assessment. This report describes the contents of the first-ever response process dataset from NAEP that are now available for secondary analysis.

NAEP Validity Studies Panel Responses to the Reanalysis of TUDA Mathematics Scores

This report explores the consequences of differences in mathematics content emphasis between NAEP and selected state assessments for estimating score means for TUDAs.

NAEP Tools — Dig Deeper Into The NAEP Results

Find key data about your state.

State Profiles

Explore reports for districts that participate in the Trial Urban District Assessments (TUDA).

District Profiles

See which questions students are likely to be able to answer correctly at each achievement level.

Item Maps

Explore thousands of released questions from the NAEP assessments, and see actual scoring guides, student responses, and scoring commentary.

Questions Tool

Results of the 2018 NAEP Civics, Geography, and U.S. History Assessments



Civics Highlights

Geography Highlights

U.S. History Highlights

Download a [summary of results](#).

Results of the 2019 mathematics and reading assessments

Have students made progress since 2017?

- Higher average score in grade 4 mathematics
- Lower average score in grade 8 mathematics
- Lower average reading scores at both grades

Mathematics Highlights

Reading Highlights

Download a [summary of results](#).



Survey Questionnaires Results

Explore survey questionnaire results from the NAEP 2015 assessments in the following three reports:

- [Student Views of Mathematics, Reading, and Science](#)
- [Students' Computer Access and Use](#)
- [Classroom Instruction for Mathematics, Reading, and Science](#)

DOWNLOAD DATA TABLES

CUSTOMIZE DATA TABLES

RELATED LINKS

DATA QUICK VIEW

Download data summarizing:

- participation rates
- inclusion rates and other information about students with disabilities (SD) and English learners (EL)

About The Nation's Report Card
About National Assessment of Educational Progress (NAEP)
Contacts
FAQs

Nation's Report Card – Data Tools

https://www.nationsreportcard.gov/data_tools.aspx

The Nation's Report Card

REPORTS DASHBOARDS **DATA TOOLS** NEWSROOM FOCUS ON NAEP TAKE NAEP NOW

Data Tools

Data Explorer
Create and export custom statistical tables, graphics, and maps for various subjects, grades, and jurisdictions.

State Profiles
Use the State Profile tool to find key data about your state.

District Profiles
Use the District Profile tool to find key data about your participating district.

NAEP Data Service API
Directly query the NAEP Data Service API to acquire JSON of the same results available in the NAEP Data Explorer to create your own data visualizations.

Questions Tool
Explore released NAEP assessment questions, try answering questions yourself, or create an assessment for your classroom.

Item Maps
Show which questions students who perform at the *NAEP Basic*, *NAEP Proficient*, or *NAEP Advanced* achievement levels are likely to be able to answer.

Read the [Technical Documentation on the Web \(TDW\)](#) for information about the technical procedures and methods used to design and deliver the NAEP assessments and to analyze NAEP data.

DOWNLOAD DATA TABLES CUSTOMIZE DATA TABLES RELATED LINKS

DATA QUICK VIEW Download data summarizing:
■ participation rates
■ inclusion rates and other information about students with disabilities (SD) and English learners (EL)

Mathematics (National, State & District)

excel file pdf file

About The Nation's Report Card
About National Assessment of Educational Progress (NAEP)
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NAEP Data Explorer

<https://www.nationsreportcard.gov/ndecore/landing>

The Nations Report Card

REPORTS DASHBOARDS **DATA TOOLS** NEWSROOM FOCUS ON NAEP TAKE NAEP NOW

DATA TOOLS
NAEP Data Explorer

Log In or Sign Up

Tools Help ? Share Page

With the NAEP Data Explorers you can **create statistical tables, charts, maps** to help you **find answers**. Explore decades of assessment results, as well as information about factors that may be related to student learning.

NOT SURE WHERE TO START? Search all databases.
(Enter a grade, subject, state, or student group to see a list of related results.)

Search NDE, LTT, HSTS, NIES databases

MAIN DATA EXPLORER (NDE)

Start exploring student achievement. It's easy!
(You may edit criteria at any time after entering the tool.)

Select a Subject

Select a Grade

Select a Jurisdiction

ENTER THE MAIN NAEP DATA EXPLORER

Already know what you're looking for? [SKIP THIS STEP](#)

ADDITIONAL DATA SOURCES

Long Term Trends (LTT)

This Data set allows you to examine results from mathematics and reading assessment back to the 1970's for students ages 9, 13 and 17.

Available years: 1970-2012 Only National-level results are available.

[ENTER LONG TERM TRENDS](#)

High School Transcript Study (HSTS)

Projections of Education Statistics to...

<https://nces.ed.gov/programs/pes/>

- Begun in 1964
 - Older editions <https://purl.fdlp.gov/GPO/LPS4309> and in print
- Projections of key indicators, such as enrollment, graduates, teachers, and expenditures
- K-12 and Higher Education
- Pocket Projections – highlights the statistics in full report
- The [About](#) page lists some of the limits in projections and available data.

Integrated Postsecondary Education Data System - IPEDS <https://nces.ed.gov/ipeds>

- Information on U.S. colleges, universities, and technical and vocational institutions.
- Aggregated information from several surveys
- Data Tools <https://nces.ed.gov/ipeds/use-the-data>
 - Download to compare institutions
 - Look up individual institutions
 - Trends – Frequently requested data
- Some topics: Enrollment, libraries, graduation rates, financial aid, admissions, HR, finance, etc.
- Back to late 1980s

Common Core of Data – CCD

<https://nces.ed.gov/ccd/>

- **NOT** Common Core curricula
- Public schools and districts
 - including supervisory unions and regional education service agencies
- Organized for cross-state comparison
- Some of the main NCES Data Tools pull from this survey (and others)
- Title I search functions
- NCES ID numbers included.
 - Grants often require schools & districts be on NCES site. The NCES ID # serves as proof for public schools
 - Search the Private School survey for private school's ID #.



- Site for students
- Educator Corner
- School Search
- College searches
- Tools to build graphs
- Games

Historical Comparisons

- If a specific table includes historic information, then you are in luck.
- If not, often there are links to the same information from previous editions.
- Online items do not go back before early 2000s or mid-1990s.
- Researcher may need to use print copies.
 - [FDLP Libraries](#) should be able to help locate the items in their collection or other libraries.
- NCES functions go back to 1869
 - Congress established a department of education, to collect statistics and facts to show the condition and progress of education in states and territories
- Early days of education agency, decennial census would be used to fill in information

Historical Information – Additional Resources

- **Statistical Abstract of the United States (Stat Ab)**
 - Originally published by Census Bureau <https://purl.fdlp.gov/GPO/LPS111301>
 - Currently published by private vendors – Bernan or ProQuest database
- **Censuses**
 - Especially decennial censuses
- **Annual Reports**
 - Federal, State, Local agencies
 - Often have summary of the year's statistics.
 - Earlier annual reports sometimes included personal information
- **Congressional Publications**
 - Programs often are mandated to submit reports to Congress
 - Older U.S. Congressional Serial Set volumes use to include annual reports from agencies.
 - The College of Wooster has a resource U.S. Congressional Serial Set Finding List: [Agency Series Found in the Serial Set](#) to help locate these.
- **Commercial Products**
 - Databases
 - ASI
 - SRI

Additional Resources

(not U.S. Department of Education)

- U.S. Census Bureau topics – [Education](#)
- [Data.gov](#)
- USA.gov - [Data and Statistics About the U.S.](#)
- [Statistical Abstracts](#) (1878-2011)
- [Child Nutrition Programs](#) are run by the USDA
- GODORT's [Education Sources in State Agency Databases](#) guide

Other Libraries' Research Guides*

- Connecticut State Library [Education Statistics & Demographics](https://libguides.ctstatelibrary.org/EdStats)
 - Currently being revised, so must use link for time being.
 - <https://libguides.ctstatelibrary.org/EdStats>
- Harvard Gutman Library [Education Statistics](#)
- Boston College [Education Statistics](#)
- [ACRL/EBSS Statistical Directory for Education & Social Science Librarians](#)
- University of Southern California [Education *: Statistics and Data](#)

*These are resources I have used in the past – there are many other great guides created by libraries.